

Air Cylinder Short Type/Standard: Double Acting, Single Rod

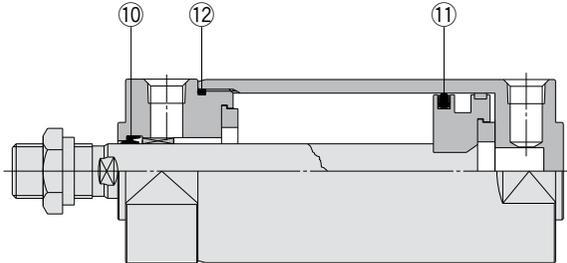
Series CG3

ø20, ø25, ø32, ø40
ø50, ø63, ø80, ø100

Replacement
Procedure is
P.281

Construction

With rubber bumper



* The numbers are the same as the "Construction" of the Series CG3 catalog (CAT.ES20-213).

Seal Kit List

No.	Description	Material	Note
⑩	Rod seal	NBR	
⑪	Piston seal		
⑫	Tube gasket		

Disassembly/Replacement

⚠ Caution

1. Do not replace the bushings.

The bushings are press-fit. To replace them, they must be replaced together with the cover assembly.

2. To replace a seal, apply grease to the new seal before installing it.

If the cylinder is put into operation without applying grease to the seal, it could cause the seal to wear significantly, leading to premature air leakage.

3. Cylinders with ø50 or larger bore sizes cannot be disassembled.

When disassembling cylinders with bore sizes ø20 through ø40, grip the double flat part of either the head cover or the rod cover with a vise and loosen the other side with a wrench or a monkey wrench, etc., and then remove the cover. When re-tightening, tighten approximately 2 degrees more than the original position.

(Cylinders with ø50 or larger bore sizes are tightened with a large tightening torque and cannot be disassembled. If disassembly is required, please contact SMC.)

*[BLUE](#) links will lead to purchase pages.

Replacement Parts: Seal Kit

Bore size (mm)	Kit no.	Contents
20	CG3N20-PS	Set of left nos. ⑩, ⑪, ⑫.
25	CG3N25-PS	
32	CG3N32-PS	
40	CG3N40-PS	

Note) Refer to the following for disassembly/replacement.

Order with a part number for each type and bore size.

* The seal kit includes a grease pack (10 g).

Order with the following part number when only the grease pack is needed.

Grease pack part no.: GR-S-010 (10 g)